

In the United States Patent and Trademark Office

Applicant(s): Philip Cavanaugh
Serial No. 10/046,386
Filed: 01/16/2002

Title: Synthesis, and photodynamic therapy-mediated
anti-cancer, and other uses of chorin e6-transferrin.

Group Art unit: 1617
Examiner: Shengjun Wang

Docket N:

Information Disclosure Statement

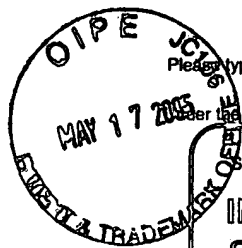
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To Whom It May Concern:

Attached is a completed form PTO/SB/08 (A and B). These are being supplied in concert with the amendment to the office action of 02/18/2005. Copies of the non-patent documents will be supplied in the immediate future..

Applicant(s) Philip Cavanaugh
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Enclosed: PTO 1449

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PTO/SB/08B (10-96)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

4

Complete if Known

Application Number	10/046,380
Filing Date	01/16/2002
First Named Inventor	Cavanaugh, Philip G.
Group Art Unit	1617
Examiner Name	Shengjun Wang
Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Conrad, M.E., and Umbreit, J.N. Iron absorption and transport—an update. Am J Hematol 64:287-298, 2000.	
	2	Ponka, P., Beaumont, C., and Richardson, D.R. Function and regulation of transferrin and ferritin. Seminars in Hematology 35: 35-54, 1998.	
	3	Testa, U., Pelosi, E., and Peschle, C. The transferrin receptor. Crit. Rev. Oncog., 4:241-276, 1993.	
	4	Ponka, P., and Lok, C.N. The transferrin receptor: role in health and disease. Int J Biochem Cell Biol 31: 1111-1137, 1999.	
	5	Gatter, K.C., Brown, G., Trowbridge, I.S., Woolston, R.E., Mason, D.Y. Transferrin receptors in human tissues: their distribution and possible clinical relevance. J Clin Pathol 36: 539-545. 1983.	
	6	Niitsu, Y., Kohgo, Y., Nishisato, T., Kondo, H., Kato, J., Urushizaki, Y., and Urushizaki, I. Transferrin receptors in human cancerous tissues. Tohoku J Exp Med 153:239-243, 1987.	
	7	Tani, H., Morris, R.J., Kaur, P. Enrichment for murine keratinocyte stem cells based on cell surface phenotype. Proc Natl Acad Sci U S A. 97:10960-10965, 2000.	
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	10	Seymour, G. J., Walsh, M. D., Lavin, M. F., Strutton, G., and Gardiner, R. A. Transferrin receptor expression by human bladder transitional cell carcinomas. Urol. Res. 15: 341-344, 1987.	
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Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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		Filing Date	01/16/2002
		First Named Inventor	Cavanaugh, Philip G.
		Group Art Unit	1617
		Examiner Name	Shengjun Wang
Attorney Docket Number			
Sheet	3	of	4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	12	Yoda, J., Yamanaka, N., Saito, T., Samukawa, T., Tamura, S., and Kawaguchi, T. Characterization of cell lines from metastatic maxillary cancer. Journal of the Oto-Rhino-Laryngological Society of Japan 97: 419-429, 1994.	
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	14	Stackpole CW, Kalbag SS, Groszek L: Acquisition of in vitro growth autonomy during B16 melanoma malignant progression is associated with autocrine stimulation by transferrin and fibronectin. In Vitro Cell Dev Biol 31: 244-251, 1995	
	15	Rossi, M. C. and Zetter, B. R. Selective stimulation of prostatic carcinoma cell proliferation by transferrin. Proc. Natl. Acad. Sci. USA, 89: 6197-6201, 1992.	
	16	Cavanaugh, P.G. and Nicolson, G. L. Lung derived growth factor that stimulates the growth of lung-metastasizing tumor cells: Identification as transferrin. Journal of Cellular Biochemistry 47:261-271, 1991.	
	17	Cavanaugh, P.G., and Nicolson, G.L. The selection of a metastatic rat mammary adenocarcinoma cell line from a low metastatic parental population by an in vitro process based on cellular ability to proliferate in response to transferrin. Journal of Cellular Physiology. 174: 48-57 1998.	
	18	Cavanaugh, P.G., Jia, L., and Nicolson, G.L. Transferrin receptor overexpression enhances transferrin responsiveness and the metastatic growth of a rat mammary adenocarcinoma cell line. Breast Cancer Research and Treatment 56:203-217, 1999.	
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	23	Kovar, J., Naumann, P.W., Stewart, B.C., and Kemp, J.D. Differing sensitivity of non-hematopoietic human tumors to synergistic anti-transferrin receptor monoclonal antibodies and deferoxamine in vitro. Pathobiology 63: 65-70, 1995.	
	24	Hsi, R.A., Rosenthal, D.I., Glatstein, E. Photodynamic therapy in the treatment of cancer: current state of the art. Drugs 57:725-734 1999.	
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